FIG.1A

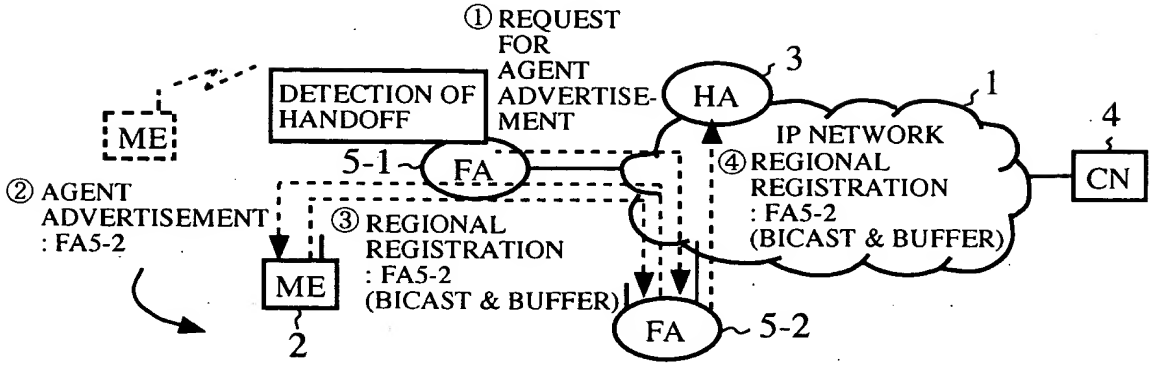


FIG.1B

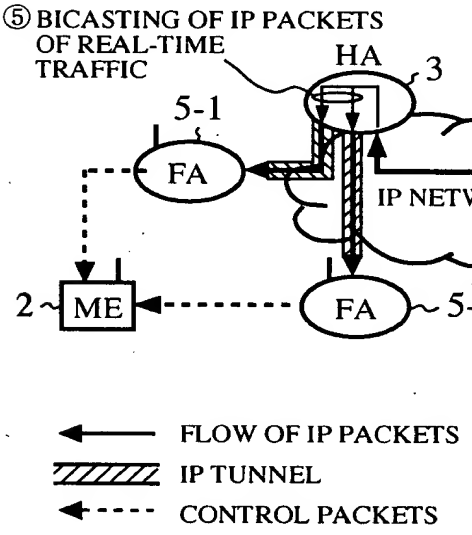


FIG.1C

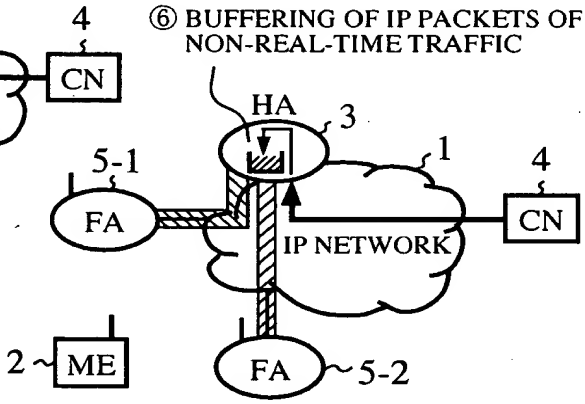
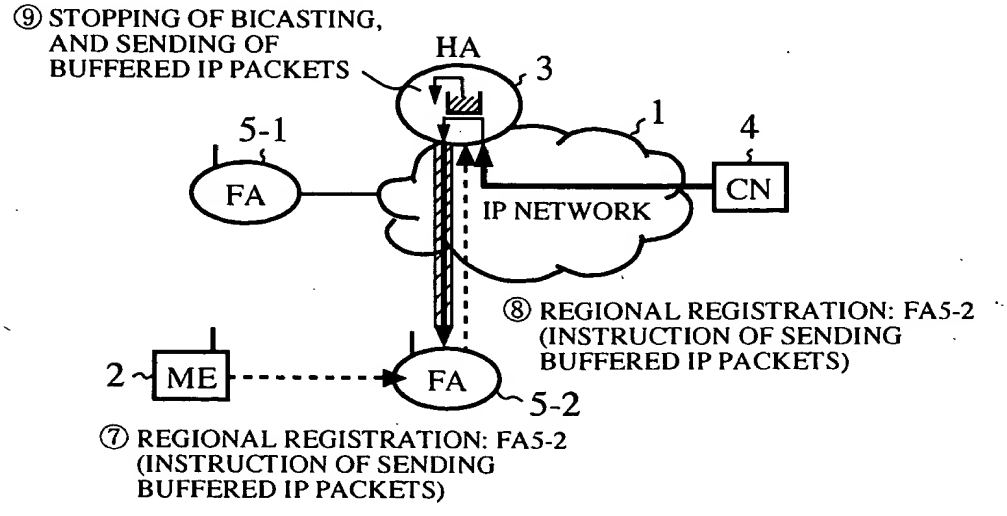


FIG.1D



EP0802670A2

FIG.2

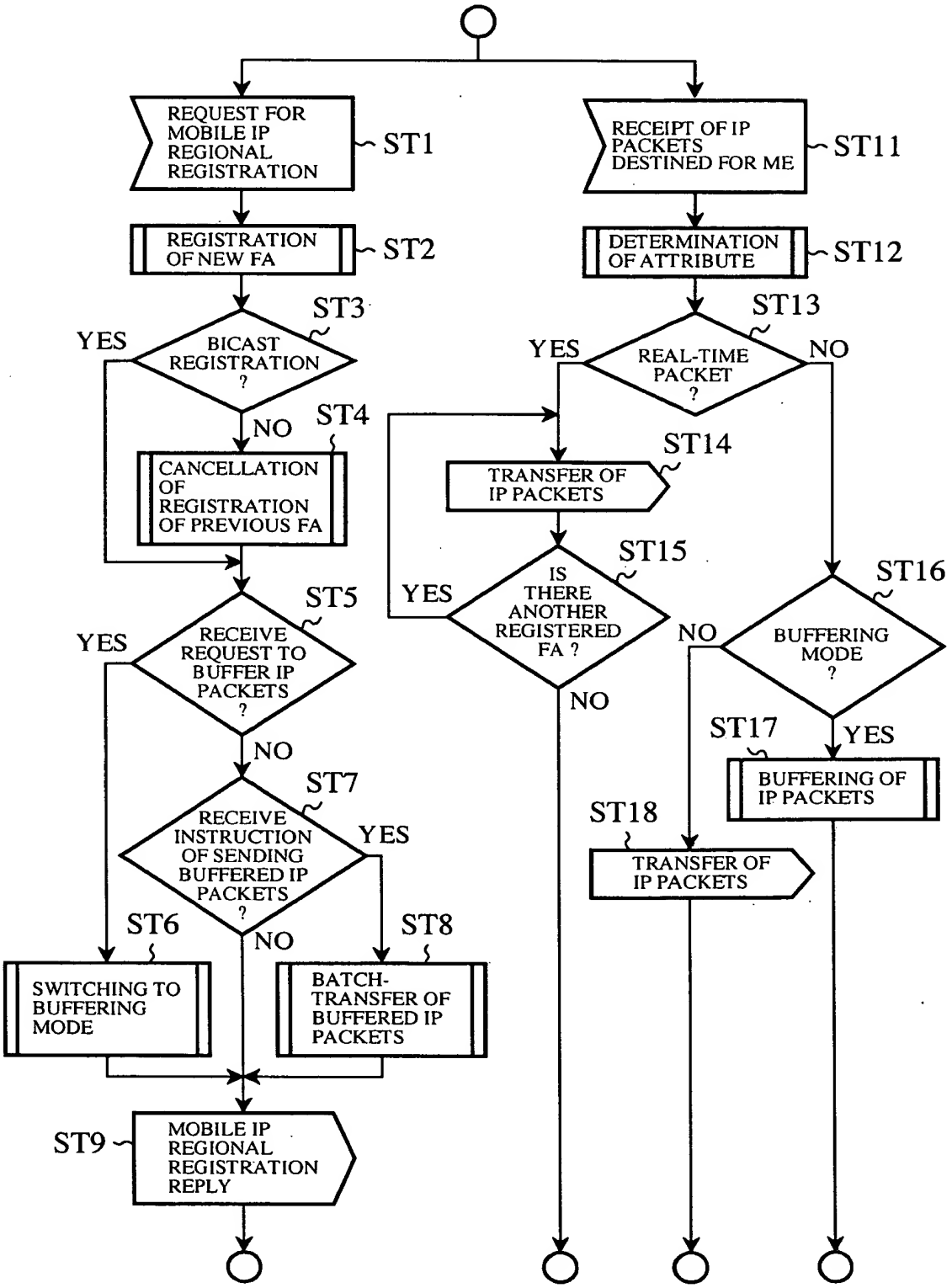

REQUEST FOR MOBILE IP REGIONAL REGISTRATION
ST1
REGISTRATION OF NEW FA
ST2
ST3
BICAST REGISTRATION ?
YES
NO
ST4
CANCELLATION OF REGISTRATION OF PREVIOUS FA
ST5
RECEIVE REQUEST TO BUFFER IP PACKETS ?
YES
NO
ST7
RECEIVE INSTRUCTION OF SENDING BUFFERED IP PACKETS ?
YES
NO
ST6
SWITCHING TO BUFFERING MODE
ST8
BATCH-TRANSFER OF BUFFERED IP PACKETS
ST9
MOBILE IP REGIONAL REGISTRATION REPLY
RECEIPT OF IP PACKETS DESTINED FOR ME
ST11
DETERMINATION OF ATTRIBUTE
ST12
ST13
REAL-TIME PACKET ?
YES
NO
ST14
TRANSFER OF IP PACKETS
ST15
IS THERE ANOTHER REGISTERED FA ?
YES
NO
ST16
BUFFERING MODE ?
YES
ST17
BUFFERING OF IP PACKETS
ST18
TRANSFER OF IP PACKETS

FIG.3

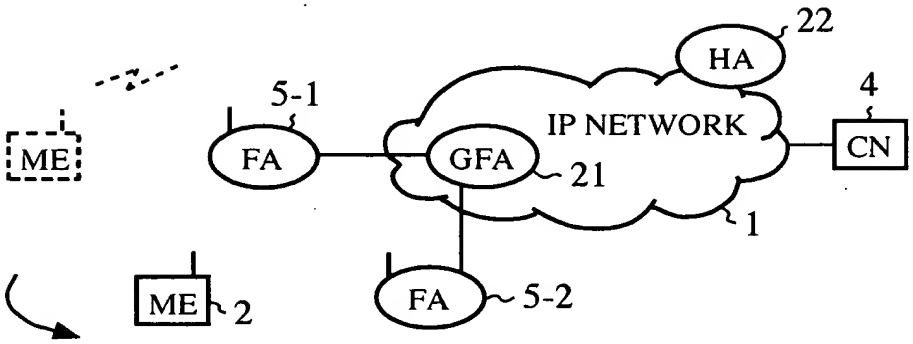

22
HA
4
5-1
IP NETWORK
CN
ME
FA
GFA
21
1
ME
2
FA
5-2

FIG.5

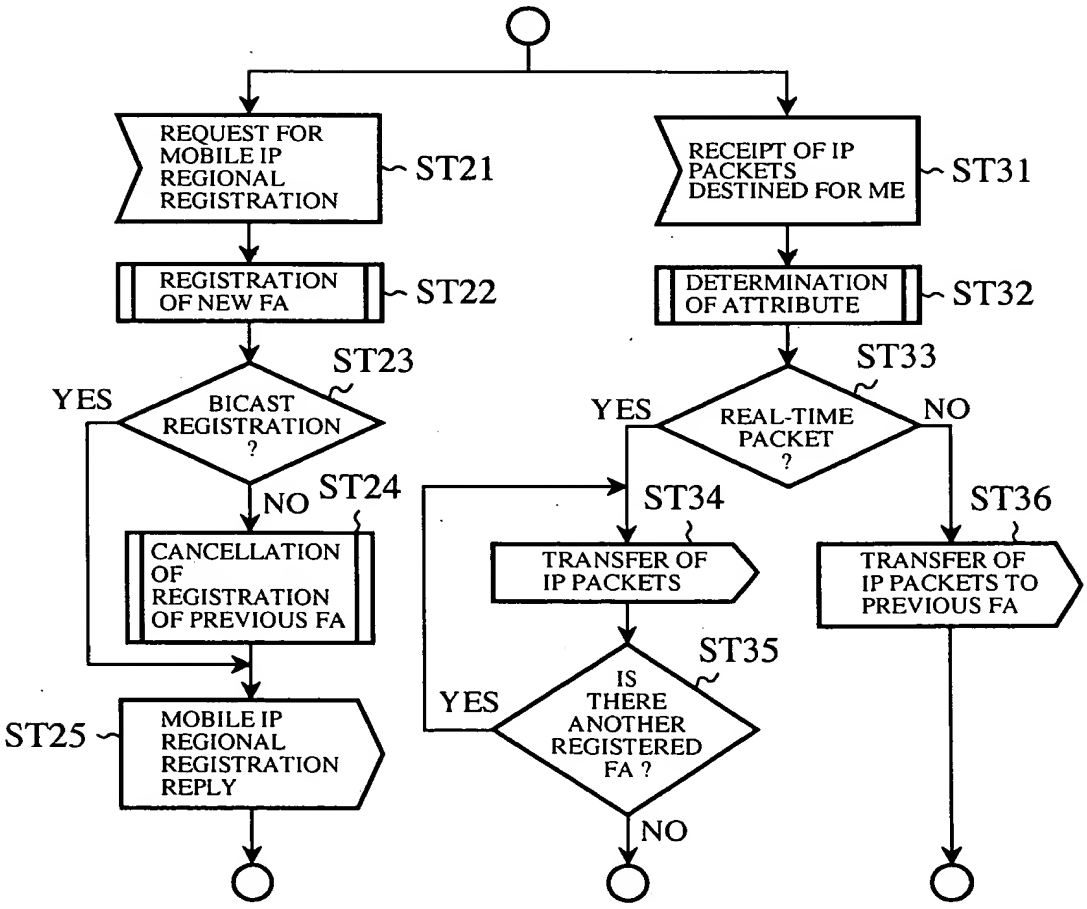

REQUEST FOR MOBILE IP REGIONAL REGISTRATION
ST21
REGISTRATION OF NEW FA
ST22
ST23
YES
BICAST REGISTRATION ?
NO
ST24
CANCELLATION OF REGISTRATION OF PREVIOUS FA
ST25
MOBILE IP REGIONAL REGISTRATION REPLY
RECEIPT OF IP PACKETS DESTINED FOR ME
ST31
DETERMINATION OF ATTRIBUTE
ST32
ST33
YES
REAL-TIME PACKET ?
NO
ST34
TRANSFER OF IP PACKETS
ST35
YES
IS THERE ANOTHER REGISTERED FA ?
NO
ST36
TRANSFER OF IP PACKETS TO PREVIOUS FA

FIG.4A

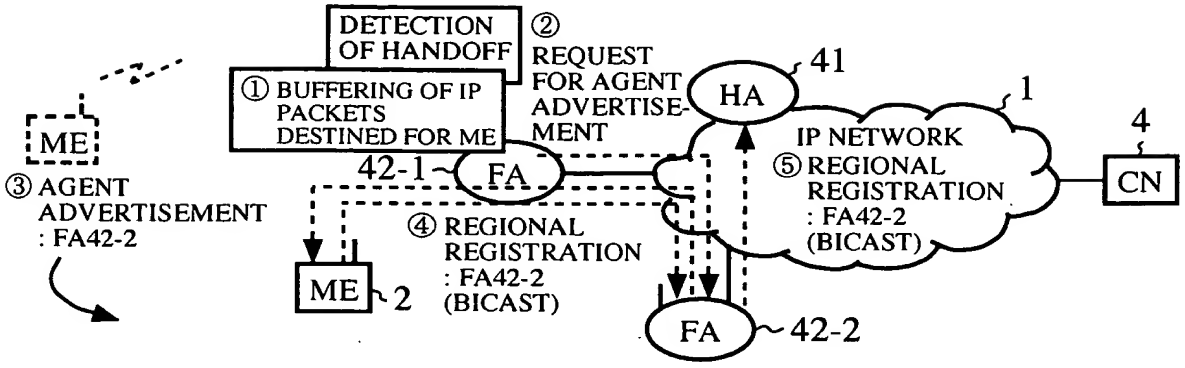


FIG.4B

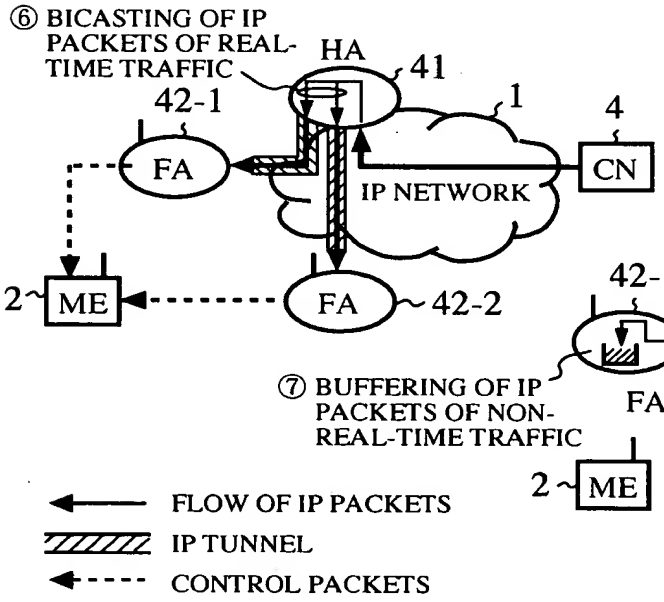


FIG.4C

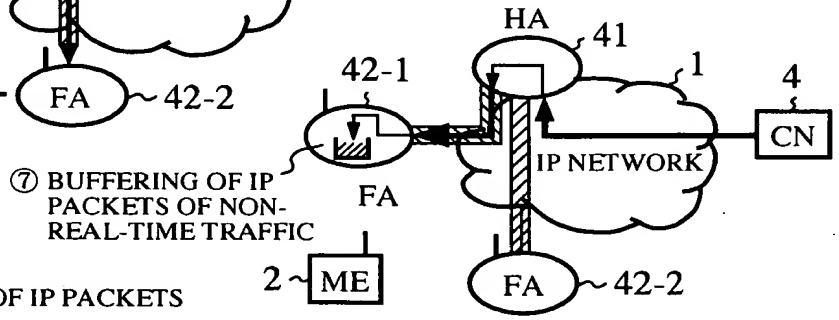
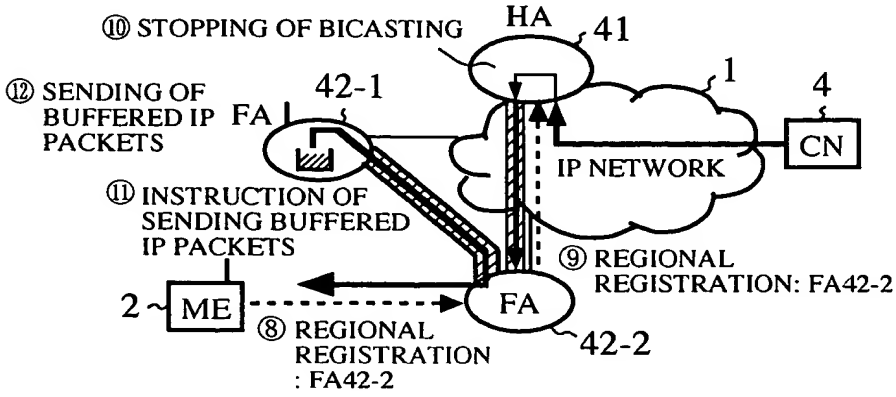


FIG.4D



T0650.70 6h00650

OBLON, SPIVAK, ET AL
DOCKET #: 210101US2
INV: Keiichi SHIMIZU, et al.
SHEET 5 OF 13

FIG.6

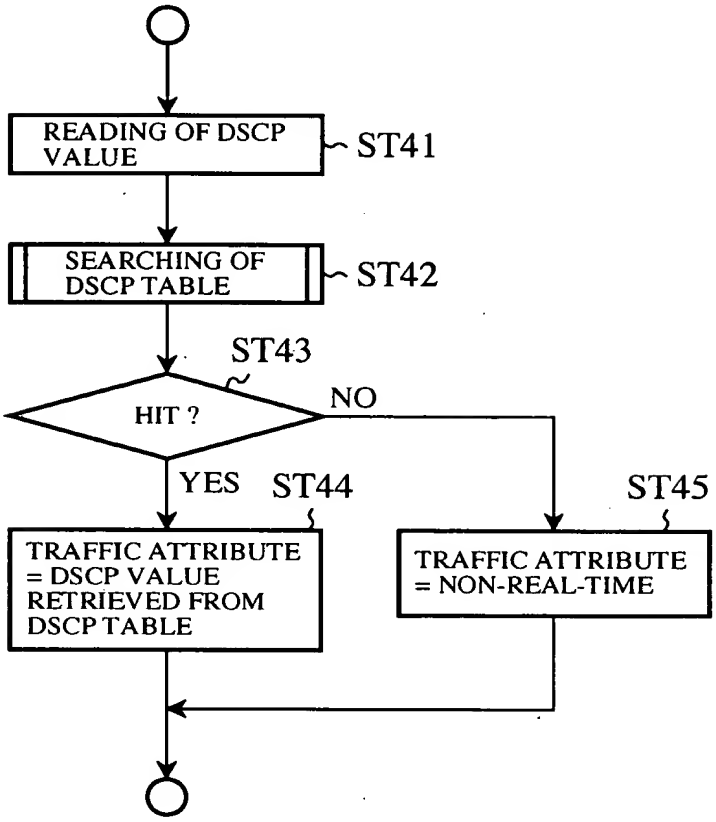


FIG.7

DSCP VALUE	TRAFFIC ATTRIBUTE
1011 10	REAL-TIME
100x xx	REAL-TIME
001x xx	NON-REAL-TIME
0000 00	NON-REAL-TIME

"X": DON'T CARE

FIG.8

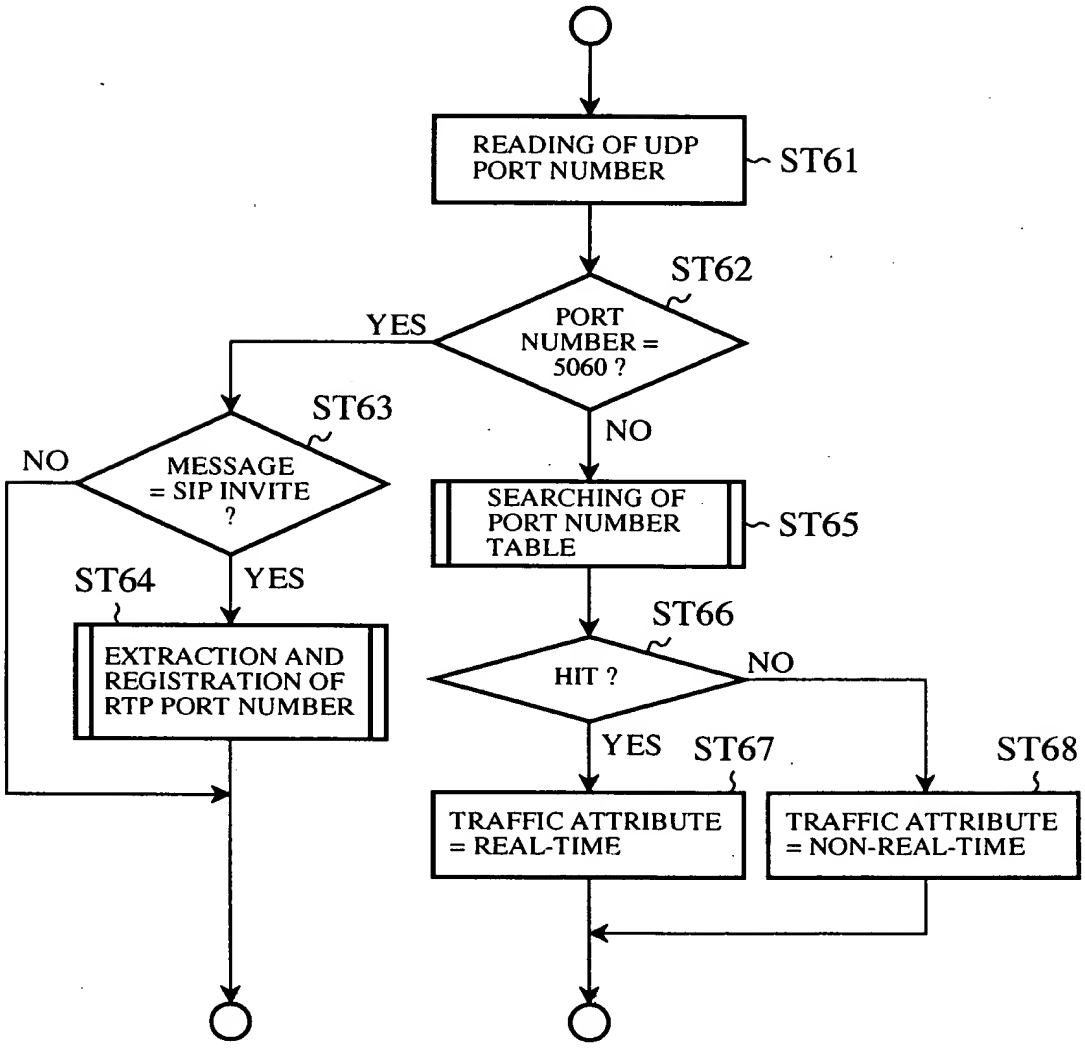


FIG.9

PORT NUMBER
60083
60082
60095

BLON, SPIVAK, ET AL
OCKET #: 210101US2
INV: Keiichi SHIMIZU, et al.
SHEET 7 OF 13

FIG.10

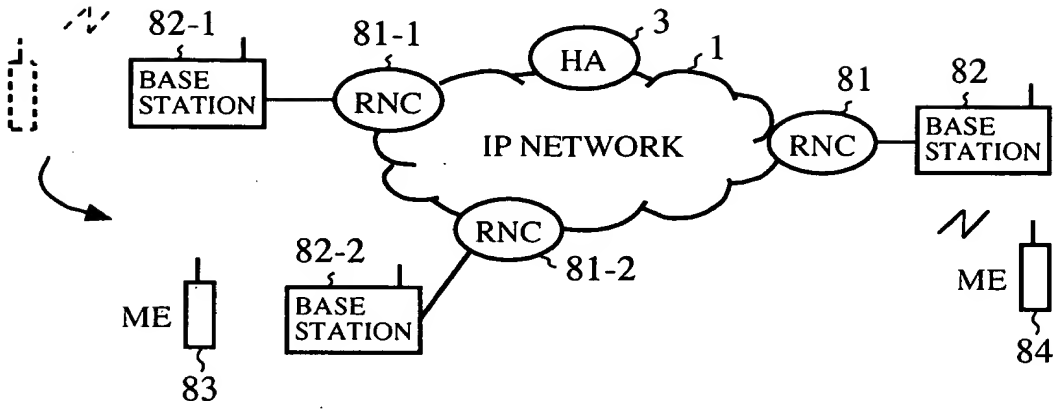


FIG.12

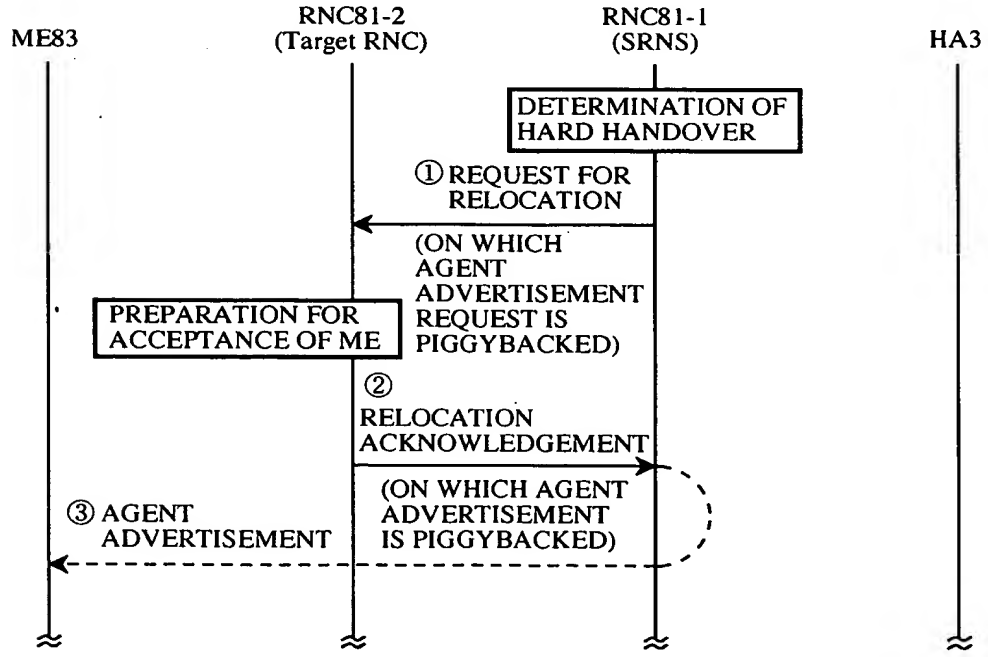
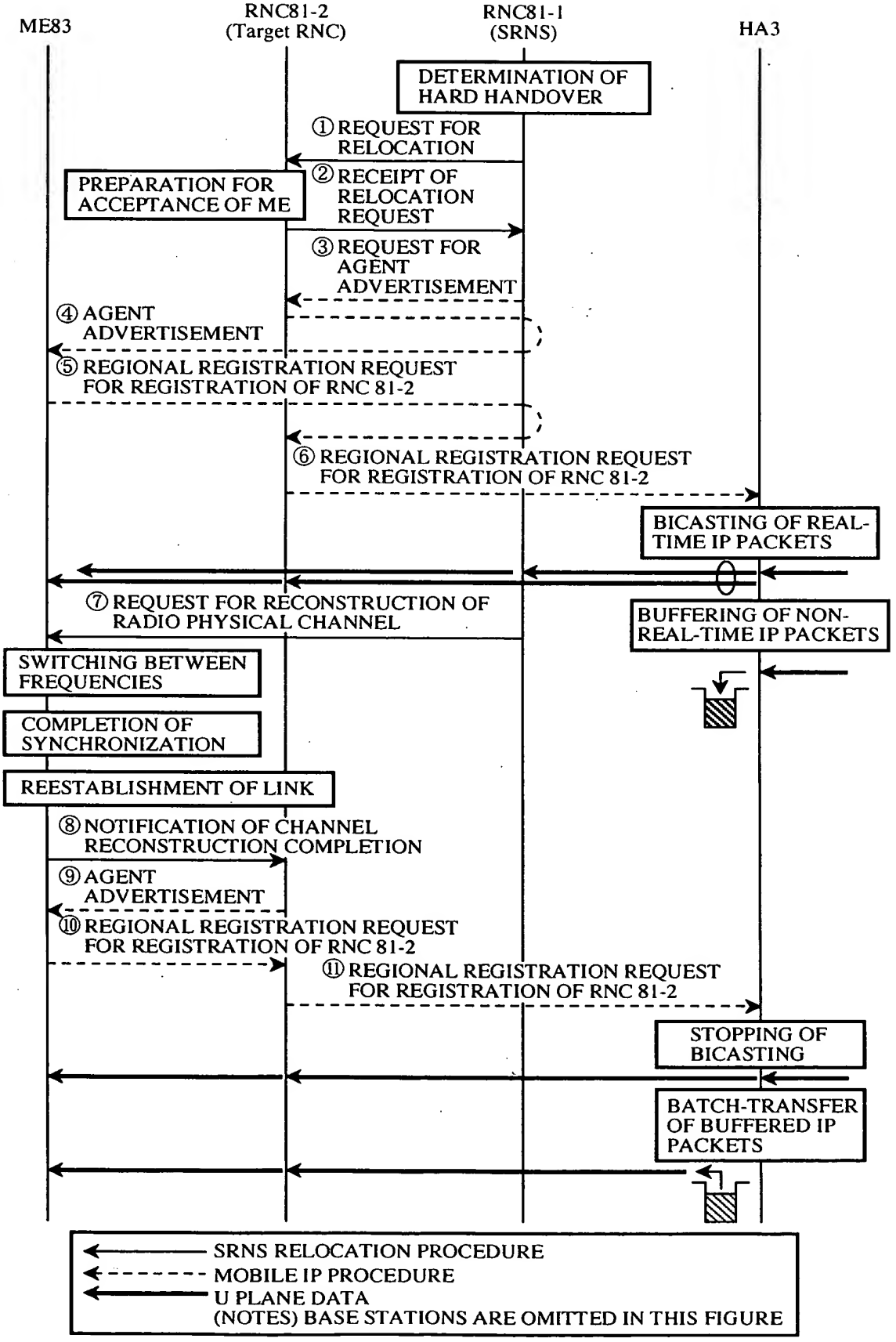
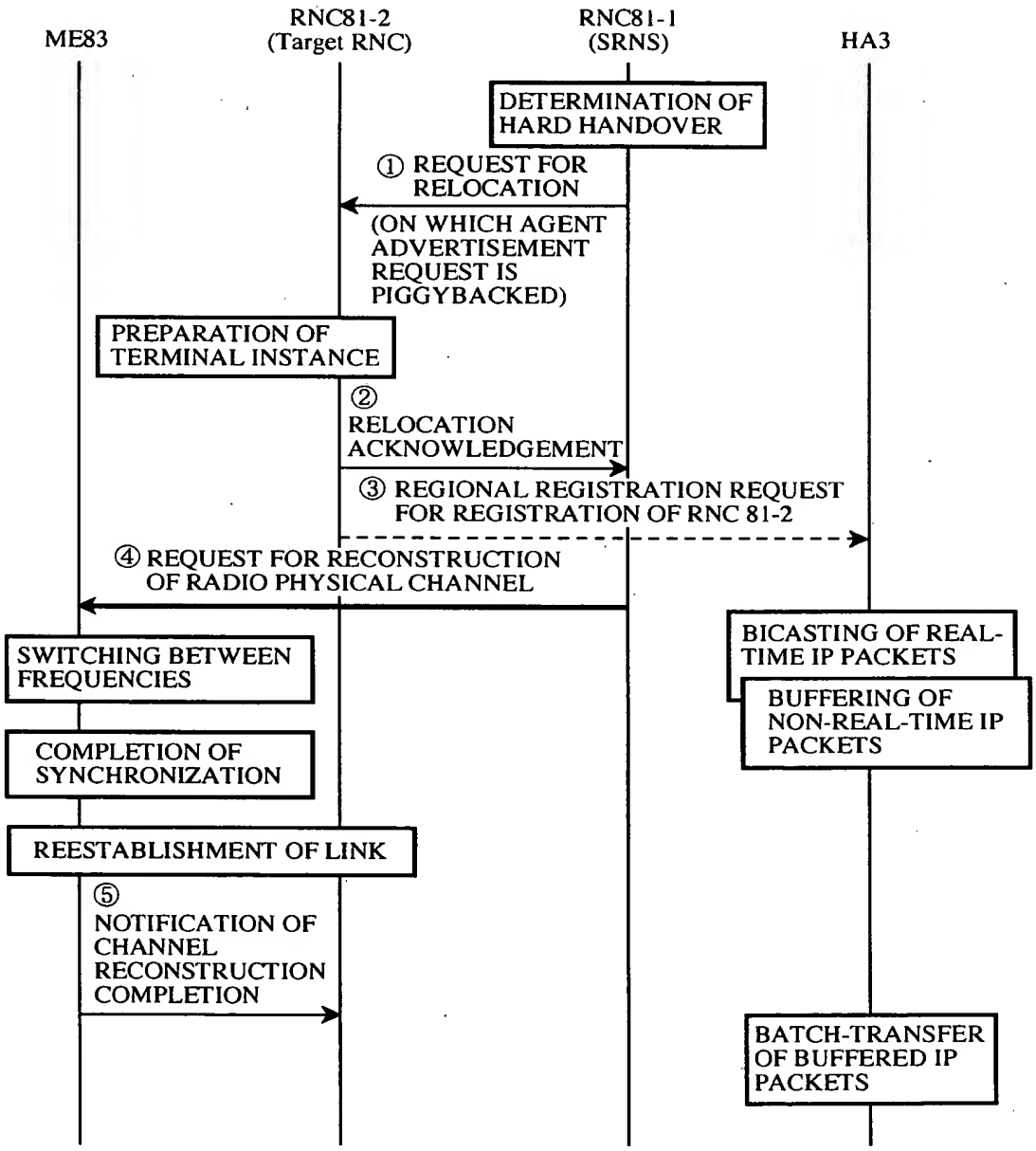


FIG.11



T0502.5+00650

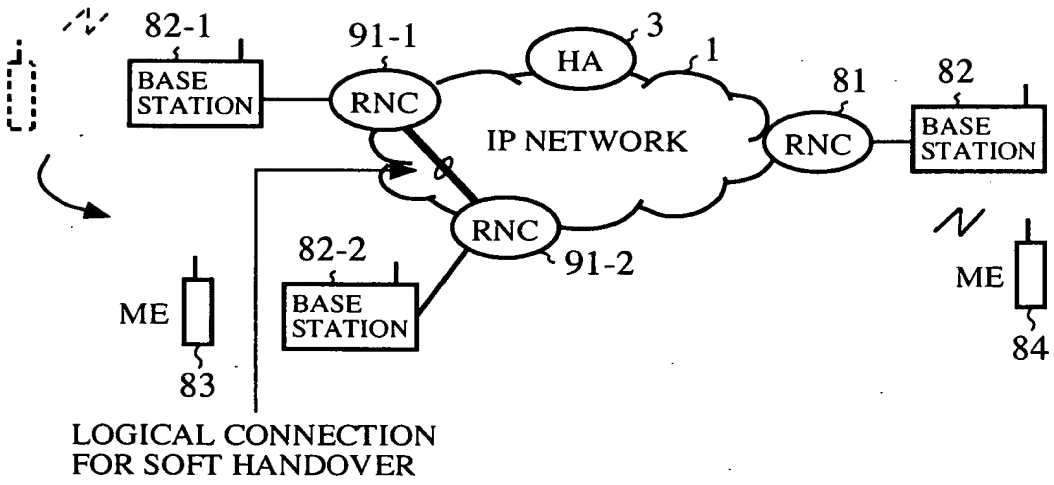
FIG.13



T0602.0" 6h00060

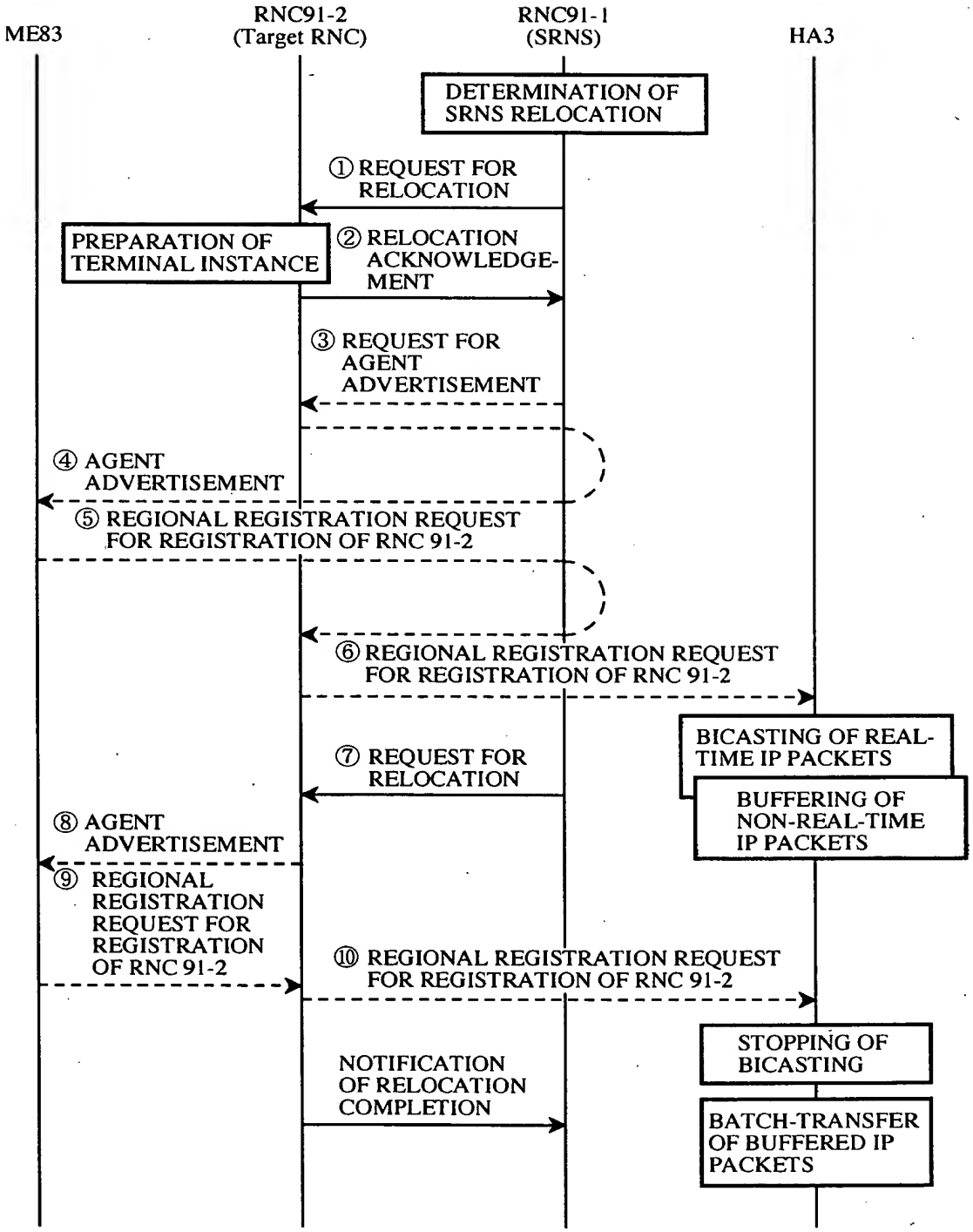
OBLON, SPIVAK, ET AL
OCKET #: 210101US2
NV: Keiichi SHIMIZU, et al.
SHEET 10 OF 13

FIG.14



T0604 - 6h00060

FIG.15



EP 1 650 670 A1

FIG.16A (PRIOR ART)

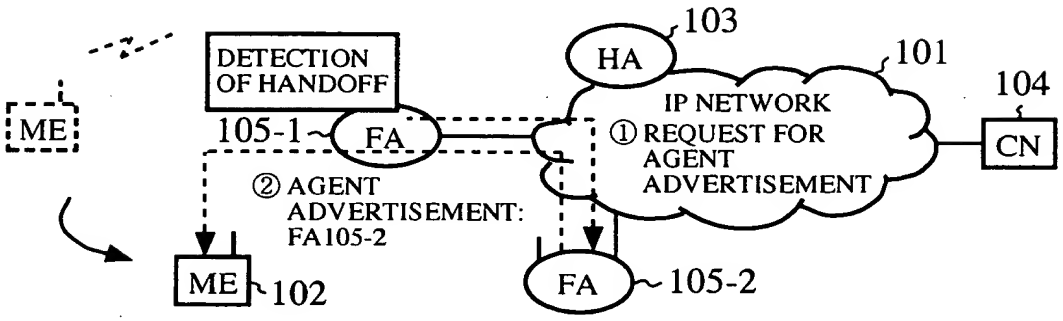


FIG.16B (PRIOR ART)

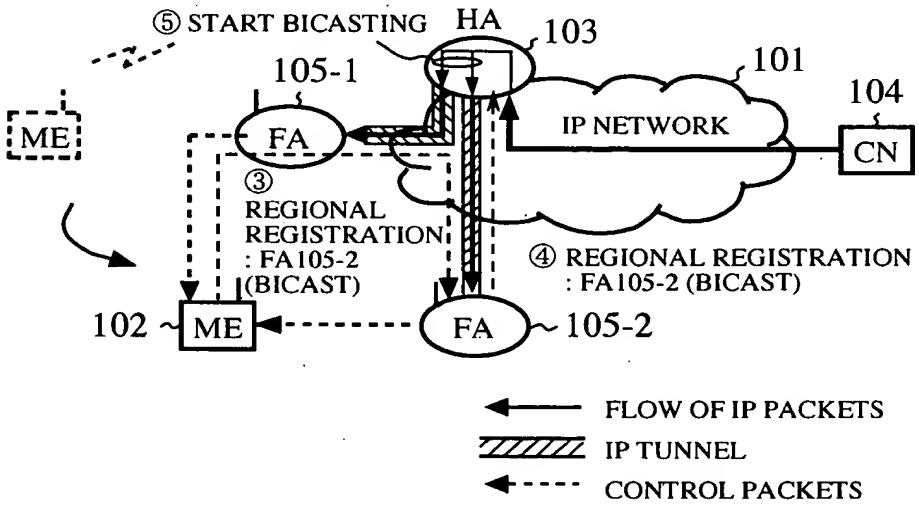
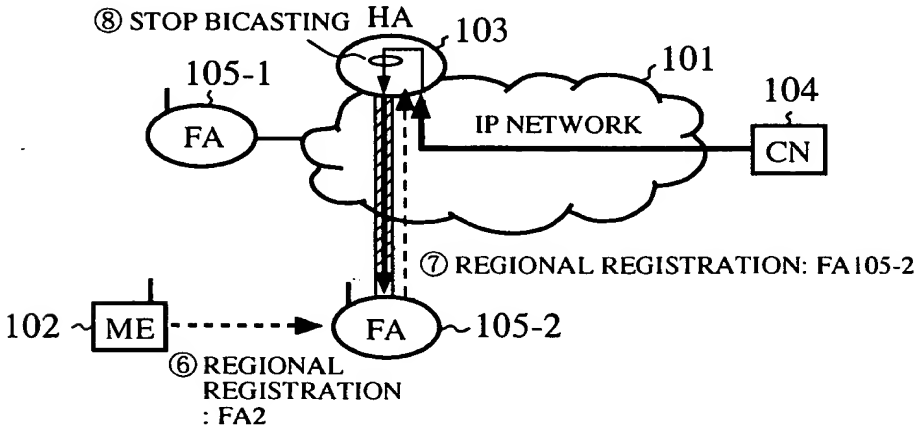


FIG.16C (PRIOR ART)



EP0907060A1

FIG.17A
(PRIOR ART)

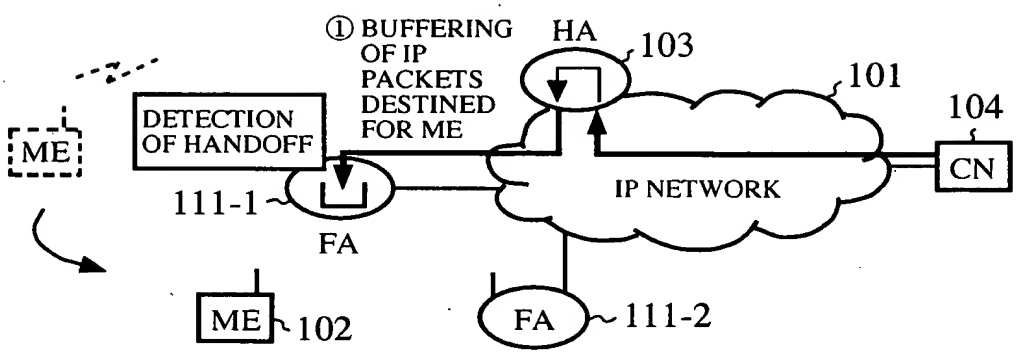
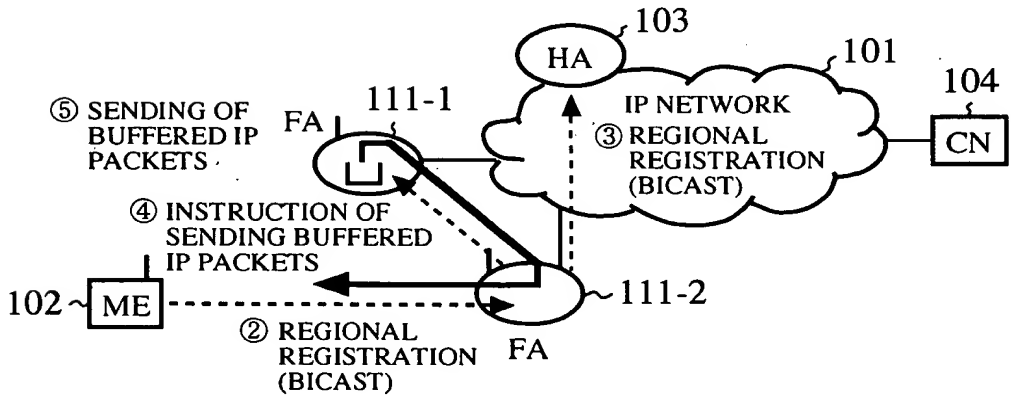



FIG.17B
(PRIOR ART)